

DAILY FIELD ACTIVITIES SUMMARY REPORT			
PROJECT NAME: R&H Oil/Tropicana Energy Site, San Antonio, Texas			
Date: 06/06/11	Shift Beginning: 10:45 hours		Shift Ending: 17:00 hours
RAC II Contract No.: EP-W-06-004		Task Order No.: 0074	
EPA Region 6 TOM: Chris Villarreal		Project Manager: Ted Telisak	
Design Manager: N/A		Site Scientist: Duane Thomas	
Design Engineer: N/A		Site Engineer: N/A	
Personnel on site	Name	Affiliation	Reason for being on site
EA:	Duane Thomas	EA	Ground Water Investigation Oversight
Subcontractors:	N/A		
Other:	Tim Nickels John Brayton	PBW PBW	Environmental Consultant
Work Performed			
<p>Pastor, Behling & Wheeler, LLC (PBW) is the environmental consultant that is conducting the remedial investigation field activities. EA is providing oversight of field activities on behalf of EPA.</p> <p>EA oversaw PBW as they resumed their groundwater sampling investigation, which had begun on Friday afternoon with MW-16 through MW-20 . PBW began the day by collecting LNAPL samples from 2 predetermined wells. One in the northern investigative unit (R&H Oil site) and one to the south. The LNAPL sample was collected via Geopump 2 peristaltic pump. LNAPL sampling began at MW-6. PBW was not able to collect sufficient LNAPL volume to submit for analysis. PBW (Tim Nickles) planned on replacing this sample, if possible, with another LNAPL impacted well in the southern unit. The impacted well in the northern unit that was sampled was NMW-3. PBW was able to obtain an LNAPL sample there with no issues. PBW chose to replace the MW-6 LNAPL sample with impacted well MW-5. NMW-5, initially planned for LNAPL sampling, was not used because it was not sufficiently impacted. MW-5 is in the southern investigative unit (Tropicana Energy site). PBW was able to sample sufficient LNAPL volume from this well. PBW submitted the LNAPL samples to be analyzed for TPH, VOCs, and physical properties.</p> <p>After the LNAPL sampling was completed, PBW began preparations for the groundwater sampling. The method used for groundwater sampling was low flow micro purge via peristaltic pump. Water quality for stabilization was measured using a Horiba water quality meter. The water quality meter was calibrated prior to use. Turbidity was measured with a HACH turbidity meter. Water level and potential drawdown were measured using a KECK water level indicator. Ferrous iron was measured using a portable HACH DR 820 colorimeter. Monitoring wells sampled on this day were MW-15, MW-13 and MW-12. Samples were submitted for VOCs, SVOCs, metals and TPH.</p> <p>PBW's SOP No. 9, page 2, paragraph F states that a plastic apron may be placed around a well before sampling. No such aprons were placed.</p>			
Anticipated Activities for the Following Day			
PBW will continue low flow sampling of on-site monitoring wells. EA will provide oversight.			
Report prepared by (name and date)			
Duane Thomas 06/06/11			